



MARICOPA COUNTY  
ENVIRONMENTAL SERVICES DEPARTMENT  
AIR POLLUTION CONTROL  
1001 NORTH CENTRAL AVENUE  
PHOENIX, ARIZONA 85004

(602) 506-6094  
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## **APPLICATION INSTRUCTIONS FOR THE AUTHORITY TO OPERATE AND/OR CONSTRUCT A REFINISHING OPERATION FOR VEHICLES AND MOBILE EQUIPMENT UNDER THE GENERAL PERMIT**

Facilities that qualify for an Authority to Operate (ATO) or Construct under the Maricopa County General Permit for Vehicle and Mobile Equipment Refinishing Operations must use this form for applying for an ATO. Using this application, you will obtain an ATO under this General Permit faster and at a lower cost than if applying for an individual source permit. Do not use this form for amending prior applications, for adding additional pieces of equipment at existing facilities, etc.

Complete the application by typing or printing legibly. A one time application processing fee of **\$385** must accompany your application. Applications submitted as a result of receiving a Notice of Violation (NOV) must include an additional \$70 late fee. There is an annual inspection fee of **\$225**. The Department will send a separate yearly billing to cover the annual inspection fee. To maintain this permit, the annual inspection fee must be paid by the due date listed on your invoice.

This general permit covers facilities which paint vehicles and/or mobile equipment. The facility may also have fuel burning equipment, solvent cleaners, and gasoline tanks. To qualify for this general permit, the following limits must all be met:

- your use of coatings, solvents, and cleaning materials combined is expected to be less than 500 gallons per month and less than 6000 gallons per twelve month period,
- if you have a small cold cleaning unit, it must meet the requirements in Section B of this application,
- if you have fuel burning equipment, each piece is rated less than 10 Million BTU/hr and you only burn natural gas, propane, or butane,
- if you have a non-retail gasoline dispensing operation, you will not expect to exceed 120,000 gallons of throughput per twelve month period.

If it is found that your facility does not qualify for coverage under this general permit, the **\$385** application processing fee will be forwarded with your application for review as an individual source permit. If you are required to obtain an individual source permit, you will be billed later for the additional applicable permit fees.

In the application, items 1 through 14 and the Technical Section(s) which apply to your facility must be completed. Sketch or attach a sketch to show the location of the paint booths, heating units, and non-retail gasoline storage tank(s). If necessary, attach additional sheets to the application to provide all required information. Obtaining this ATO through fraud or misrepresentation may subject you to civil and criminal penalties.

The Maricopa County Air Pollution Control Rules and Regulations are available at the above address. To obtain a copy, contact the Department for information and costs or download them from our Internet site <http://www.maricopa.gov/sbeap>. Small businesses may contact the Small Business Environmental Assistance Program at (602) 506-5150 for assistance in completing the application package. They may also be contacted by email through the web site listed above and are located at the following address:

Maricopa County Environmental Services Department  
Small Business Environmental Assistance Program  
1001 N. Central Ave, Suite 500  
Phoenix, Arizona 85004



MARICOPA COUNTY  
ENVIRONMENTAL SERVICES DEPARTMENT  
AIR POLLUTION CONTROL  
1001 North Central Avenue  
Phoenix, Arizona 85004  
(602) 506-6094  
FAX (602) 506-6925

DATE RECEIVED

LOG NUMBER

VER 11/18/99

## APPLICATION FOR THE AUTHORITY TO OPERATE AND/OR CONSTRUCT A REFINISHING OPERATION FOR VEHICLES AND MOBILE EQUIPMENT

(As required by A.R.S. §49-480 and Maricopa County Air Pollution Control Regulations, Rule 200)

READ INSTRUCTIONS FIRST. ALL APPLICANTS MUST COMPLETE ITEMS 1 THROUGH 15. ALSO COMPLETE EACH APPLICABLE SECTION A THROUGH D.

1. BUSINESS NAME:		DO NOT WRITE IN THIS SPACE
2. ADDRESS OF SITE:		
AZ ZIP:		
3. CONTACT AT SITE		3a. TELEPHONE AT SITE ( )
4. TYPE OF OWNERSHIP <input type="checkbox"/> Corporation <input type="checkbox"/> Sole Owner <input type="checkbox"/> Other - - Specify: <input type="checkbox"/> Partnership <input type="checkbox"/> Government		
5. NAME AND MAILING ADDRESS OF OWNERSHIP:		
6. TELEPHONE OF OWNERSHIP: ( )		6a. CONTACT AT OWNERSHIP
7. SEND ALL CORRESPONDENCE INCLUDING INVOICE AND PERMIT TO: COMPANY NAME: ADDRESS: CITY: STATE: ZIP CODE: ATTN:		
8. SIC (STANDARD INDUSTRIAL CLASSIFICATION) CODE(S): 9930		9. EXISTING AIR POLLUTION CONTROL PERMIT NUMBER FOR THIS SITE, IF ANY:
10. IF OTHER THAN A VEHICLE AND MOBILE EQUIPMENT REFINISHING OPERATION, PROVIDE A BRIEF DESCRIPTION OF BUSINESS/PROCESS AT SITE:		
11. OPERATING SCHEDULE: HOURS PER DAY DAYS PER WEEK WEEKS PER YEAR		
12. PROJECTED DATE OF COMPLETION (IF NEW EQUIPMENT):		

13. THE AUTHORIZED CONTACT PERSON REGARDING THIS APPLICATION IS:

NAME TELEPHONE  
TITLE COMPANY

14. I CERTIFY THAT I AM FAMILIAR WITH THE OPERATIONS AND EQUIPMENT REPRESENTED ON THIS APPLICATION AND THE STATEMENTS AND INFORMATION PROVIDED HEREIN ARE TRUE, ACCURATE, AND COMPLETE BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY.

TYPE OR PRINT NAME AND TITLE  
OF RESPONSIBLE OFFICIAL

DATE SIGNATURE OF OWNER OR  
RESPONSIBLE OFFICIAL OF BUSINESS

15. **SITE DIAGRAM:** Draw a site layout or attach a drawing of equipment locations at the site with approximate distances to property lines. specifically show paint booths and other spray coating areas, mixing stations, gun cleaner location(s), and waste storage areas, also, if applicable, show solvent cleaner location and gasoline storage tanks, fill pipes, and vent pipe locations.



## SECTION A. VEHICLE & MOBILE EQUIPMENT REFINISHING

1. When conducting refinishing operations on **automobiles, light duty trucks and motorcycles**, will the facility limit the maximum volatile organic compound (VOC) content in its coatings, as applied, in accordance with the following requirements:

Coating category	MAXIMUM VOC CONTENT* Pounds per gallon (grams/liter)	Will the facility comply with this limit? All sections must be marked.
Pretreatment wash primers	6.5 lb/gal (780 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Primers/primer surfacers	4.8 lb/gal (580 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Primer sealers	4.6 lb/gal (550 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Single/two-stage topcoats	5.0 lb/gal (600 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Topcoats of more than two stages	5.2 lb/gal (630 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Multi-colored topcoats	5.7 lb/gal (680 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Specialty coatings	7.0 lb/gal (840 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Strippable booth coatings	3.5 lb/gal (420 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>

\* *Less water and non-precursors*

2. When conducting refinishing operations on **heavy truck bodies**, will the facility limit the maximum volatile organic compound (VOC) content in its coatings, as applied, in accordance with the following current and future requirements:

TYPE OF COATING	MAXIMUM VOC CONTENT* AS OF April 21, 1999 Pounds per gallon (grams/liter)	MAXIMUM VOC CONTENT* AS OF November 1, 2001 Pounds per gallon (grams/liter)	Will the facility comply with these limit? All sections must be marked.
Pretreatment wash primer	6.5 lb/gal (780 g/l)	SAME	Yes <input type="checkbox"/> No <input type="checkbox"/>
Primers/primer surfacers	4.8 lb/gal (580 g/l)	3.5 lb/gal (420 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Primer sealers	4.6 lb/gal (550 g/l)	3.5 lb/gal (420 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Single stage, solid color	5.0 lb/gal (600 g/l)	3.5 lb/gal (420 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Single stage, metallic/iridescent	4.6 lb/gal (550 g/l)	3.5 lb/gal (420 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
2-Stage topcoat basecoat & clearcoat	5.0 lb/gal (600 g/l) **	4.0 lb/gal (480 g/l)**	Yes <input type="checkbox"/> No <input type="checkbox"/>
Topcoats of more than two stages	5.2 lb/gal (630 g/l)**	4.0 lb/gal (480 g/l) for trailers**	Yes <input type="checkbox"/> No <input type="checkbox"/>
Spot coats, 1 liter limit each stage	5.0 lb/gal (600 g/l)	546g/l effective 11/2/02	Yes <input type="checkbox"/> No <input type="checkbox"/>
Specialty Coatings as defined by County Rule 345 §231	7.0 lb/gal (840 g/l)	SAME	Yes <input type="checkbox"/> No <input type="checkbox"/>
Strippable booth coatings	2.0 lb/gal (550 g/l)	SAME	Yes <input type="checkbox"/> No <input type="checkbox"/>
Will all spot painting of heavy trucks either meet the VOC requirements of this table or comply with the requirements of County Rule 345 Section 302.3?			Yes <input type="checkbox"/> No <input type="checkbox"/>

\* *Less water and non-precursors*

\*\* Formula for computing VOC content of multi-stage coating is in County Rule 345 subsection 503.1

3. When conducting refinishing operations on **uncoated vehicle surfaces** and **surfaces that are not part of a light duty vehicle that is not part of its body/chassis**, will the facility limit the maximum volatile organic compound (VOC) content in its coatings, as applied, in accordance with the following requirements:

The following includes Coating, Adhesive, & Adhesive Primer	MAXIMUM VOC CONTENT* Pounds per gallon (grams/liter)	Will the facility comply with these limit? All sections must be marked.
Air-Dried Coating	3.5 lb/gal (420 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Baked Coating [above 200°F (93°C)]	3.0 lb/gal (360 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Coating on VINYL surfaces	3.8 lb/gal (450 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Coating on FABRIC surfaces	2.9 lb/gal (350 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Coating PLASTIC surfaces not defined as flexible	3.5 lb/gal (420 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Coating FLEXIBLE PLASTIC surfaces (not Vinyl)		
- Primer	4.1 lb/gal (490 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
- Color Topcoat	3.8 lb/gal (450 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>
- Basecoat/Clear Coat (Combined System)	4.5 lb/gal (540 g/l)	Yes <input type="checkbox"/> No <input type="checkbox"/>

\* Less water and non-precursors

4. Surface Preparation and Surface Cleaning Fluids used during coating operations must have a VOC content of no more than 1.4 lbs per gallon when using a wipe or other non-dip method. Will Surface Preparation and Surface Cleaning Fluids used for wipe or other non-dip cleaning have a VOC content of 1.4 lbs per gallon or less? Yes ☐ No ☐
5. Will the total of all coatings, solvents and cleaning materials used at the facility be less than 500 gallons per month and less than 6,000 gallons per year? Yes ☐ No ☐
6. Method(s) of waste disposal for coating materials containing VOCs: \_\_\_\_\_

7. DESCRIBE THE METHOD OF APPLICATION:

- a. ☐ Air Atomization

Operating pressure: \_\_\_\_\_(psi)

- b. ☐ Pressure Atomization (Airless)

- c. ☐ Combined Air and Airless

- d. ☐ High Volume Low Pressure (HVLP)

- e. ☐ Electrostatic

- f. ☐ Other (specify): \_\_\_\_\_

8. GUN CLEANING EQUIPMENT (SPECIFY EACH PIECE OF EQUIPMENT):

TYPE	QUANTITY	MANUFACTURER	MODEL NUMBER	DATE OF INSTALLATION	DISPOSAL METHOD FOR CLEAN-UP SOLVENT

9. DESCRIBE FACILITY(IES) FOR APPLYING COATINGS (BOOTHS?ENCLOSURES). ATTACH MANUFACTURER'S SPECIFICATIONS IF HELPFUL.

#	ENCLOSURE OR BOOTH SIZE (LxWxH)	DATE OF INSTALLATION	DIFFERENTIAL PRESSURE MEASUREMENT DEVICE (Yes or No)	EXHAUST FAN (C.F.M.)	TYPE OF FILTER SYSTEM & EFFICIENCY (FILTER EFFICIENCY MUST BE AT LEAST 92%)
1					
2					
3					

10. Will all spraying operations be done inside a booth or enclosed building?

Yes ☐ No ☐

If the answer is no, describe the area and explain how the overspray will be controlled:

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11. All painting operations having forced air exhaust must have the exhaust discharge directly up into the air. Will all exhaust stacks, taking any rain cap or other similar devices into account, discharge vertically into the air?

Yes ☐ No ☐

## SECTION B. SOLVENT CLEANING

Complete this section ONLY if you have a cold cleaning operation. Do not use this section for a gun cleaning machine which is covered in Section A of this application. Attach manufacturer's equipment specifications/literature whenever useful. Use a separate sheet for each different type of cleaning device. If this Section does not apply to the facility, mark N/A across the page.

1. IF YOU HAVE AN UNHEATED, NON-CONVEYORIZED COLD CLEANING UNIT WHAT TYPE DO YOU HAVE?
- ☐ COLD CLEANER (NO BOILING) WITH REMOTE RESERVOIR
- ☐ COLD CLEANER (NO BOILING) WITHOUT REMOTE RESERVOIR

NOTE: If you have a vapor degreaser, conveyerized degreaser, or other type of degreaser, your facility is not eligible for this General Permit. Submit a Non-Title V Permit Application.

2. MANUFACTURER: \_\_\_\_\_

3. MODEL: \_\_\_\_\_

4. THIS QUESTION APPLIES IF YOU WILL HAVE A DEGREASER WITH A REMOTE RESEVOIR.

- a. Will the cleaner have a sink-like work area or basin which slopes toward the drain and which does not allow the solvent to pool?
- Yes ☐ No ☐
- b. Will the sink/basin area have a solvent return drain of no more than 15.5 square inches?
- Yes ☐ No ☐
- c. Will the cleaner have a means for draining cleaned parts so that the drained solvent is returned to the reservoir?
- Yes ☐ No ☐

5. THIS QUESTION APPLIES IF YOU WILL HAVE A DEGREASER WITHOUT A REMOTE RESEVOIR.

- a. Will the cleaner have a freeboard height of at least 6 inches? (The freeboard height is the distance between the surface of liquid and the top of the tank.)?
- Yes ☐ No ☐
- b. Will the freeboard zone have a permanent, conspicuous mark that shows the maximum allowable level?
- Yes ☐ No ☐
- c. Will the cleaner have a cover that prevents solvent vapors from escaping into the atmosphere when the cleaner is not being used?
- Yes ☐ No ☐
- c. Will the cleaner have and use an internal drainage rack or other assembly in the freeboard space that returns all dripping solvent back into the hold of the cleaner?
- Yes ☐ No ☐

6. SOLVENT INFORMATION:

- a. The solvent used must be at least 95% water or else the vapor pressure of the solvent must be no greater than 2 millimeters of mercury at 68 ° F (20 ° C) until October 31, 2001 and no greater than 1 mm of mercury after November 1, 2001. Will the solvent used by the facility meet these requirements?
- Yes ☐ No ☐
- b. Name of solvent to be used and expected quantity of solvent to be purchased annually. Include a material safety data sheet (MSDS) for the solvent to be used.

NAME: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ GAL/YEAR

- c. Quantity and disposal method of any waste solvents:

Disposal method: \_\_\_\_\_

Amount expected to be disposed of: \_\_\_\_\_ GALLONS/YEAR

If waste solvent is redistilled on site, provide information on the still, including manufacturer's literature.

## SECTION C. FUEL BURNING EQUIPMENT

To qualify for coverage under the General Permit, each piece of fuel burning equipment must have a rating of less than 10 Million BTU/Hr. (Do not include fuel burning equipment less than 300,000 BTU/Hr.) Furthermore, the combined total for all fuel burning equipment must be less than 60 million BTU/Hr. The only fuels to be used are natural gas, propane and butane. Turbines and internal combustion engines are not eligible. However, facilities having internal combustion engines that serve only as emergency standby generators, which are less than 260 horsepower, are still eligible for coverage of fuel burning equipment under the General Permit. If this Section does not apply to the facility, mark N/A across the page.

### **GUIDE TO FILLING OUT THE TECHNICAL SECTION:**

**EQUIPMENT DESCRIPTION:** Make, model, and type (for example boiler, heater etc...)

**INSTALLED OR PROPOSED:** Is the equipment already installed or proposed for future installation?

**GROSS INPUT RATING:** This is the heat input rating for the unit, in BTU/Hr and is usually found on a plate located on the side of the unit. Maintenance personnel may be able to assist in locating this information.

1. Will the only fuels used in the fuel burning equipment be natural gas, propane or butane?

Yes ☐

No ☐

2. Describe each piece of fuel burning equipment completely:

EQUIPMENT DESCRIPTION (make, model, type)	INSTALLED OR PROPOSED	NUMBER OF UNITS	GROSS INPUT RATING (EACH) (BTU/Hr)	GROSS INPUT RATING SUBTOTAL (3 <sup>rd</sup> column x 4 <sup>th</sup> column)
<b>TOTAL GROSS INPUT HEAT RATING (SUM OF THE LAST COLUMN) (MUST BE LESS THAN 60,000,000 BTU/Hr)</b>				



## SECTION D. GASOLINE STORAGE TANKS (NON-RETAIL)

1. DESCRIBE TANKS – Exclude diesel and used oil tanks. If this Section does not apply to the facility, mark N/A across the page.

HOW MANY	CAPACITY	DATE OF INSTALLATION	ABOVE GROUND OR UNDERGROUND	PRODUCT STORED	MONTHLY THROUGHPUT (GALLONS/MONTH)	ANNUAL THROUGHPUT (GALLONS/YEAR)
TOTALS (SUM OF THE ANNUAL AND MONTHLY THROUGHPUTS)						

2. TYPE OF OPERATION      RETAIL ☐      NON-RETAIL ☐

3. IF THE FACILITY IS NON-RETAIL, WILL THE THROUGHPUT ALWAYS BE LESS THAN 120,000 GALLONS PER YEAR?  
 YES ☐      NO ☐

4. VAPOR RECOVERY SYSTEMS, CHECK ALL THAT APPLY:

a. **STAGE I VAPOR RECOVERY SYSTEM:** RETURNS VAPORS FROM THE GASOLINE STORAGE TANK BACK TO THE TANK TRUCK. IT IS REQUIRED FOR NONRETAIL TANKS WITH A THRUPTUT OVER 120,000 GALLONS PER YEAR AS WELL AS FOR ALL RETAIL TANKS. CHECK WHICH TYPE OF STAGE I VAPOR RECOVERY SYSTEM YOU HAVE?

2-POINT ☐      COAXIAL ☐      **NONE** (ONLY NONRETAIL TANKS WITH ANNUAL THRUPTUT OF LESS THAN 120,000 GALLONS) ☐

b. **STAGE II VAPOR RECOVERY SYSTEM:** VAPORS FROM THE AUTOMOBILE GAS TANK ARE RETURNED TO THE GASOLINE STORAGE TANK. ☐

5. THE FILL PIPE IS USED BY THE TANK TRUCK DRIVER TO PUT FUEL INTO THE STORAGE TANK. A SUBMERGED FILL PIPE MEANS THAT THE END OF THE FILL PIPE MUST BE TOTALLY COVERED BY LIQUID WHEN THERE IS 6 INCHES OF GASOLINE IN THE TANK.

IS EACH GASOLINE TANK EQUIPPED WITH A SUBMERGED FILL PIPE?      YES ☐      NO ☐

6. OBSTRUCTIONS AT THE BOTTOM OF THE FILL PIPE WHICH PREVENT THE MEASUREMENT OF HOW FAR THE END OF THE FILL PIPE IS FROM THE BOTTOM OF THE TANK ARE NOT ACCEPTABLE. ARE THERE SUCH OBSTRUCTIONS? NOTE: OVERFILL PROTECTION FLAPPERS ARE NOT CONSIDERED TO BE AN OBSTRUCTION.

YES ☐      NO ☐

7. FOR GASOLINE TANKS REQUIRED TO INSTALL STAGE I VAPOR RECOVERY, EACH TANK MUST HAVE ITS OWN LINE FOR RETURNING VAPORS TO THE TANK TRUCK. IF YOUR FACILITY IS REQUIRED TO HAVE STAGE I VAPOR RECOVERY, DOES EACH TANK HAVE ITS OWN VAPOR RETURN LINE?

YES ☐      NO ☐